HUDDIG 1370

Versatility and capability redefined

HUDDIG

GO ANYWHERE.

There are many compelling reasons to invest in a HUDDIG 1370 for your organization. Its versatility and flexibility make it ideal for a variety of tasks, maximizing its usefulness. As a result of a HUDDIG machines ability to perform a multitude of tasks, a HUDDIG machines utilization tends to be higher than tradition construction machines, leading to increased efficiency of the organization and a faster return on investment.

DO ANYTHING.

We equip our machines for three main areas: construction, utility and rail. This is where a HUDDIG machine's unique capabilities truly shine. The machine is agile, powerful and customizable with a wide range of tools and options. Whether it's challenging terrain, muddy ditches, steep and rocky woodlands, tight spaces or railroad embankments — a HUDDIG can go almost anywhere.

CONSTRUCTION

Strong, agile and flexible

Work smart, efficiently and safely in cities, off-road and on construction sites.

Confined spaces. High safety requirements. Different types of jobs in the same working day - a HUDDIG is optimized for confined spaces, difficult terrain and quick transfers between jobs.

Working in urban and park environments, residential areas and near busy roads requires both a specialized machine and a skilled operator. HUDDIG is the multifunctional excavator loader that can be equipped with a wide range of attachments for unbeatable flexibility and efficiency. The oscillation pivot makes it easy to traverse tough environments and get the job done.


SCAN QR
FOR VIDEOS

UTILITY

The machine for extreme conditions

Optimized for the toughest working conditions in service and maintenance — from new construction of power lines to cable plowing and more.

Getting to hard-to-reach places and working in extreme conditions while managing high-safety requirements requires a powerful yet flexible machine. A HUDDIG machine handles tasks that would otherwise require multiple machines and operators.

The machine is ideal for utility work, including performing advanced cable plowing; offers versatility to work along roadsides and in sensitive ground; and manages all the necessary equipment to make the job easy. A HUDDIG is built to work hard, around the clock, all year round.


SCAN QR
FOR VIDEOS

RAIL WORK AND MAINTENANCE

Do more with one machine

The obvious choice for the toughest railway assignments — HUDDIG RAIL streamlines the maintenance and construction of rail networks worldwide.

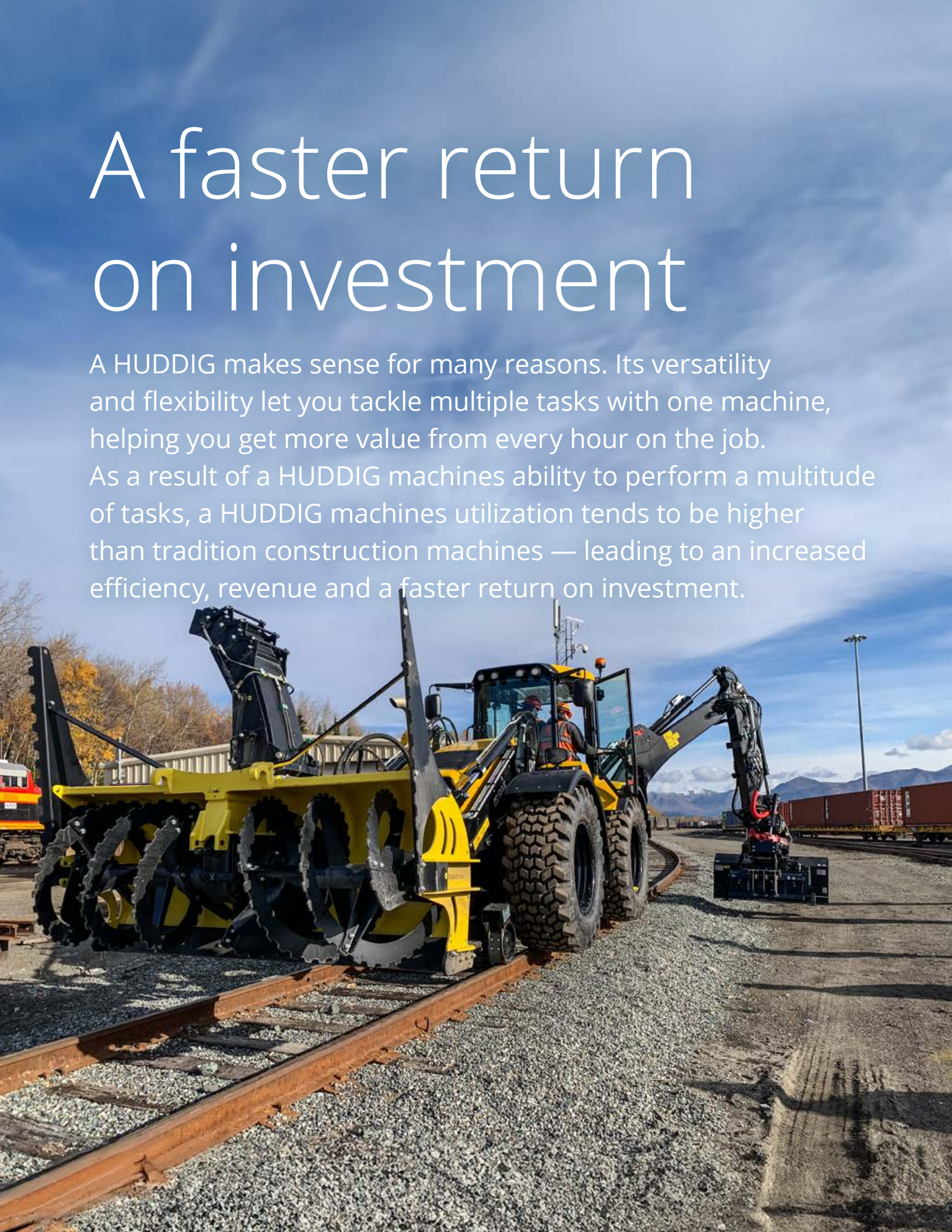
A single HUDDIG machine can replace your fleet of the traditional construction machines used in rail network maintenance and construction. With equipment such as driven rail wheels, lifts and cable drum holders, the machine is able to perform your various tasks during a single assignment.

As functioning railways become increasingly important in business and industry, so do the demands for more efficient machines and working methods. Railway work is often done under time pressure, which means high demands and strict regulations — not only in safety, environmental care and several other areas. With a HUDDIG you are optimized to perform safe and efficient railway work.

SCAN QR
FOR VIDEOS

A faster return on investment

A HUDDIG makes sense for many reasons. Its versatility and flexibility let you tackle multiple tasks with one machine, helping you get more value from every hour on the job.
As a result of a HUDDIG machines ability to perform a multitude of tasks, a HUDDIG machines utilization tends to be higher than tradition construction machines — leading to an increased efficiency, revenue and a faster return on investment.



VERSATILITY

The most obvious advantage of working with a HUDDIG is its unrivaled versatility. The machine can be customized with various attachments, allowing it to replace several traditional construction machines — e.g. an excavator, crane and skylift. This eliminates the need for multiple machines to complete a job, reducing overall fuel consumption and allowing you to get the job done with just one machine and one operator.

PRECISION HANDLING

For over 60 years, Huddig has perfected its hydraulic steering system and set a new standard in the industry. The unrivaled precision and responsiveness of a HUDDIG is often the first thing operators praise — and a key reason customers return when it's time to upgrade. Handling a HUDDIG is not just a feature; it's an experience you have to feel for yourself.

MOBILITY

Many specialized construction machines are slow to move between sites and, in the worst case, they have to be transported on trailers — adding extra costs to the project. A HUDDIG, on the other hand, can travel on public roads at speeds of up to 31 km/h, allowing it to get to the next jobsite quickly and efficiently. This means less downtime between projects and more billable hours, maximizing productivity and profitability.

TOTAL COST OF OWNERSHIP

Although a HUDDIG may have a higher initial cost than single-task construction equipment, its flexibility and versatility make the total cost of ownership (TCO) much more competitive. Thanks to its ability to handle a multitude of tasks, A HUDDIG machine utilization is typically significantly higher — leading to increased efficiency, profitability and a faster return on investment.

SUPERIORITY IN TERRAIN

"I can go anywhere and do anything." — That's how drivers often describe the off-road capabilities of a HUDDIG. With its oscillating pivot, powerful CUMMINS diesel engine and intelligent power train, you can take on even the toughest terrain and reach work sites that other machines can't.

RESIDUAL VALUE

Thanks to world-class build quality, durable components and proven long-term performance, a HUDDIG has an exceptional residual value. As our machines often change hands two, three or even more times during their lifetime, this high resale value is a key factor when it's time to upgrade to a newer model.


TIGON


HUDDIG

HUDDIG 1370T

HUDDIG 1370T is powered by our latest hybrid system Tigon Technology™, which enables the machine to run on electricity only or diesel, in three diffrent modes, EV, ECO or PWR. This technology allows you to work for up to two hours on battery power alone, and when the machine needs charging, the engine starts automatically and fully charges the battery in just 40 minutes.

Truly silent

In EV mode it's immediately obvious that the 1370T is something out of the ordinary. You can talk to colleagues outside the machine without having to shout, which makes communication easier, clearer and safer. EV mode also enables the machine to operate in densely populated areas without disturbing local residents.

Minimizes fuel costs

With your HUDDIG 1370T with Tigon Technology, you not only drastically reduce your fuel costs, but you are also helping to pave the way for the sustainable construction industry of the future.

Benefits

- Over 23 ft reach (incl. tiltrotator and excavator bucket G85)
- Height above load bed 1.97 ft
- 51 kN slewing force
- Cab designed for ultimate comfort
- New HVAC unit
- New speed display
- 3379.4 psi operating hydraulics
- Greater flexibility of hydraulic functions thanks to the new function FlexLever™
- The diesel engine can easily be run on HVO to reduce CO_2 emissions
- Proven hybrid technology (Tigon Technology™)
- Up to two hours operating on battery power
- No CO_2 emissions in EV mode
- The battery reaches full charge in 40 minutes using the machine's diesel engine
- Silent
- Drastically reduces your fuel costs
- Top speed of 31 mph

HUDDIG 1370

The heart of the HUDDIG 1370 is a powerful 6.7-liter Cummins Stage V diesel engine with a full 157 hp — as reliable and dependable as ever.

The HUDDIG 1370 is the successor to the much lauded HUDDIG 1260E, but with additional improvements in a number of areas.

A reach of 23 feet

The excavator unit on the HUDDIG 1370 offers an impressive reach of over 23 feet, including the tiltrotator and G85 excavator bucket. This extended reach allows you to cover a larger area without repositioning the machine as frequently, increasing efficiency on the job site. Additionally, the unit boasts a remarkable load height of 14 feet 4 inches, enabling efficient material handling.

Upgraded operator environment

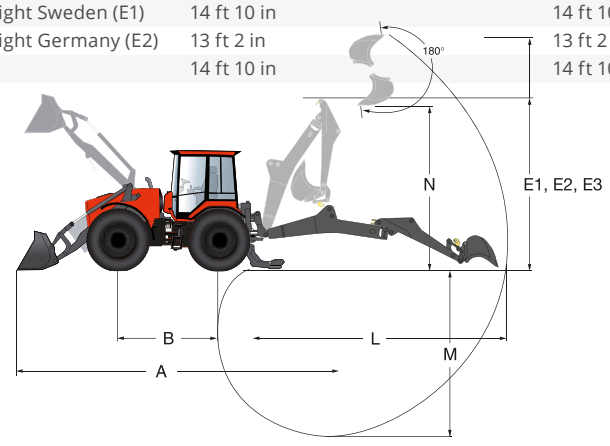
In addition to the functional upgrades, the interior has also been updated with, for example, improved climate control, new seat suspension, mountings for accessories, and the option to equip the machine with several different options.

Benefits

- Over 23 ft (incl. tiltrotator and excavator bucket G85)
- Height above load bed 11.8 in
- 51 kN slewing force
- Cab designed for ultimate comfort
- New HVAC unit
- New speed display
- 245 bar operating hydraulics
- Greater flexibility of hydraulic functions thanks to the new function FlexLever™
- The diesel engine can easily be run on HVO to reduce CO_2 emissions

Comparison Specifications

	HUDDIG 1370T	HUDDIG 1370
Electric drive		
System	Tigon Technology™	–
Battery	Huddig/Alelion 44 kWh 90V	–
Number of electric motors (EMG) Transmission	Four pcs, Schabmüller	–
Number of electric motors (EMG) Hydraulics	Two pcs, Parker (+ 1 generator)	–
Runtime	Up to 2 hours on battery power alone	–
Power output	81 kW (108 hp)	–
Engine		
Diesel engine	Cummins turbocharged diesel engine QSB 4.5 EU Stage V/EPA Tier 4 Final	Cummins turbocharged diesel engine QSB 6.7 EU Stage V/EPA Tier 4 Final
Power output	115 kW (154 hp) at 2000 rpm	116 kW (157 hp) at 1900 rpm
Type	Straight 4-cylinder	Straight 6-cylinder
Cylinder capacity	4.5 liters	6.7 liters
Torque	651 Nm at 1500 rpm	650-662 Nm at 800-1400 rpm
Transmission		
Drive system	Electric operation	Hydrostatic operation
Gearbox	Bonfiglioli Two ranges	ZF/2HL 290 Two ranges
Speeds 1st (low range)	0–6.2 mph	0–6.2 mph
Speeds 2nd (high range)	0–31 mph	0–26 mph
Motor vehicle	Class 1	Class 1
Axles	Tigon Technology™	ZF, automatic differential brake on both axles Planetary train type hub reduction
The system is separate from the operating hydraulics		
Electrical system		
Voltage	24 V	24 V
Batteries	Two pcs, 12 V, 110 Ah	Two pcs, 12 V, 110 Ah
Generator output	108 A (DC/DC converter)	100 A, alternating current
Starter motor output	5.8 kW	5.8 kW
Hydraulic system		
Operating pressure	23.3 MPa (233 bar)	24.5 MPa (245 bar)
Operating pressure with boost hydraulics	26,0MPa (260 bar)	26,0MPa (260 bar)
Nom. maximum flow at 1500 rpm	48.34 gallons/min (+ electric boost)	68.68 gallons/min
Nom. maximum flow at 2000 rpm	64.46 gallons/min	92.46 gallons/min
Single Acting Outlet maximum flow	44.91 gallons/min	44.91 gallons/min
Unit forces		
Breakout force	72 kN (7200kp)	73 kN (16300 lbf)
Digging force	44 kN (4400kp)	46 KN (10300)
Lifting force, max. reach	20 kN (2000kp)	21.1 kN (4750 lbf)
Maximun slewing torque	42 kNm (4200 kpm)	42 kNm (30800 lbf-ft)
Dimensions & weight		
Transport length (A)	29 ft 1 in	28 ft 9 in
Wheelbase (B)	8 ft 9 in	8 ft 6 in
Reach (L)	22 ft 2 in	22 ft 2 in
Excavating depth (M)	14 ft 9 in	14 ft 9 in
Lifting height (N)	14 ft 4 in	14 ft 4 in
Transport height indicator, free transport height Sweden (E1)	14 ft 10 in	14 ft 10 in
Transport height indicator, free transport height Germany (E2)	13 ft 2 in	13 ft 2 in
Maximum height (E3)	14 ft 10 in	14 ft 10 in



HUDDIG 1370
Specifications

Engine

Diesel engine	Cummins turbocharged diesel engine QSB 6.7 EU Stage V/EPA Tier 4 Final
Power output	116 kW (157 hp) at 1900 rpm
Type	Straight 6-cylinder
Cylinder capacity	6.7 litres
Torque	662 Nm at 800–1400 rpm

Transmission

Drive system	Hydrostatic operation
Gearbox	ZF/2HL 290 Two ranges
Speeds 1st (low ratio)	0-6.2 mph
Speeds 2nd (high ratio)	0-26 mph
Motor vehicle	Class 1
Axles	ZF, automatic differential brake on both axles Planetary train type hub reduction

The system is separate from the operating hydraulics

Wheels

Standard	620/60x34

Brake system

Transport brakes	Servo assisted disc brakes
Service brake	Automatic engagement of transport brake when stationary (automatic function can be disengaged)

Main display, control system

Monitor	10" TFT colour touchscreen

Steering system

Hydrostatic Orbitrol control system with dual cylinders in the centre pivot

Steering angle	±32°
Frame oscillation	±8°

Electrical system

Voltage	24 V
Batteries	2 pcs 12 V, 110 Ah
Generator output	100A, alternating current
Starter motor output	5.8 kW

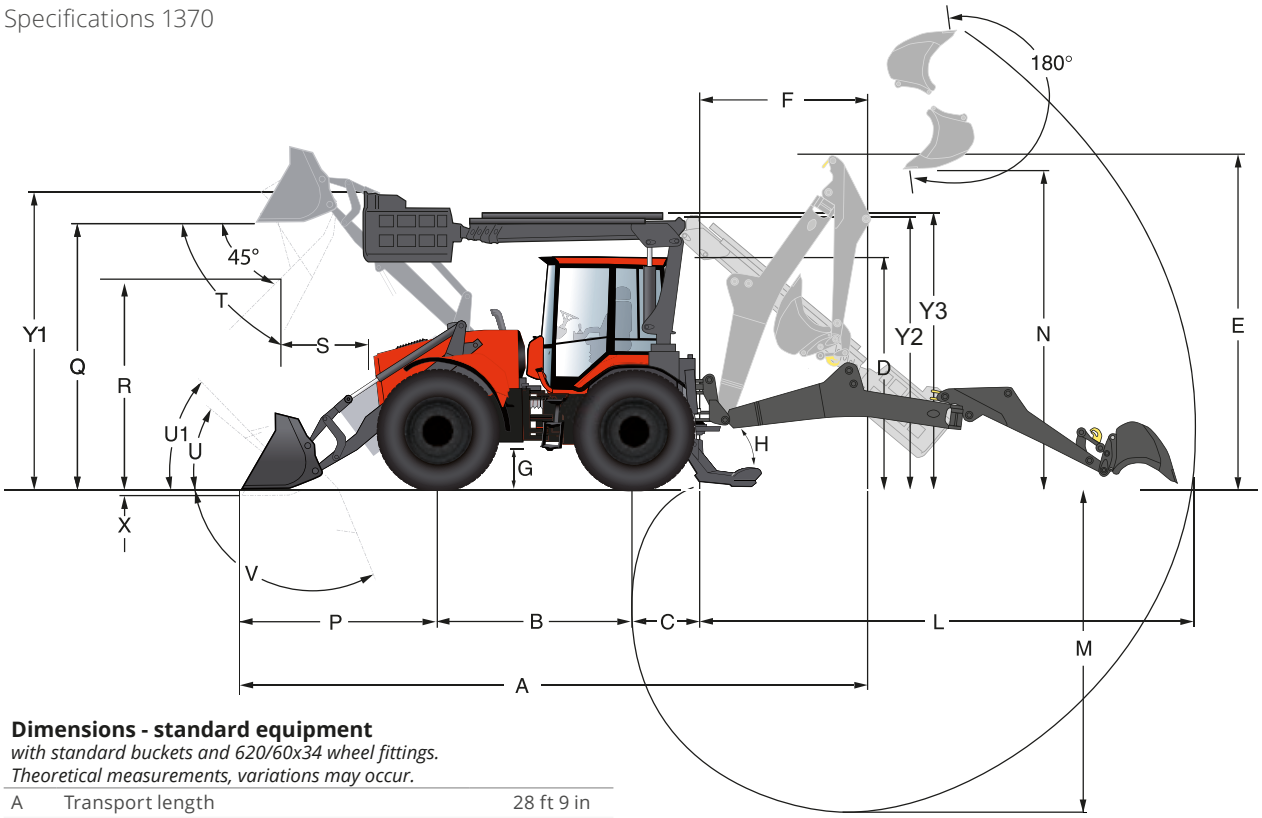
Hydraulic system

Load-sensing hydraulics with variable axial piston pumps, 60cc + 100cc (connected to stepped-up pump distribution box providing a total of 174 cc). For refilling there is internal low-pressure generation in the operational valves and a heating system (circulation pumping) for cold starts. Internal servo-supply in the operational valves and power feedback for digging functions. The hydraulic system is prepared for environmentally compatible hydraulic fluids.

Operating pressure	24.5 MPa (245 bar)
Nom. maximum flow at 1000 rpm	46.23 gallons/min
Nom. maximum flow at 1500 rpm	68.68 gallons/min
Nom. maximum flow at 2000 rpm	92.46 gallons/min
Single Acting outlet maximun flow	44.91 gallons/min

Dimensions & weight

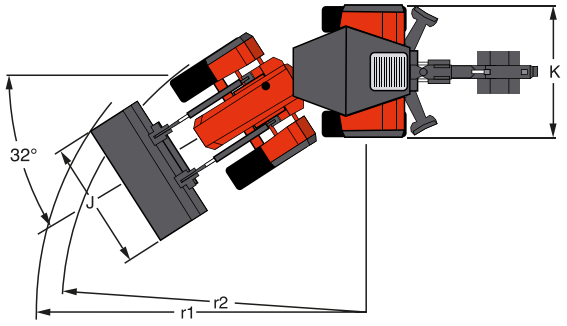
Width	8 ft 2 in – 8 ft 6 in
Height to cab roof	10 ft 2 in
Length	28 ft 2 in
Weight excl. buckets	27557.12 lb



Dimensions - standard equipment

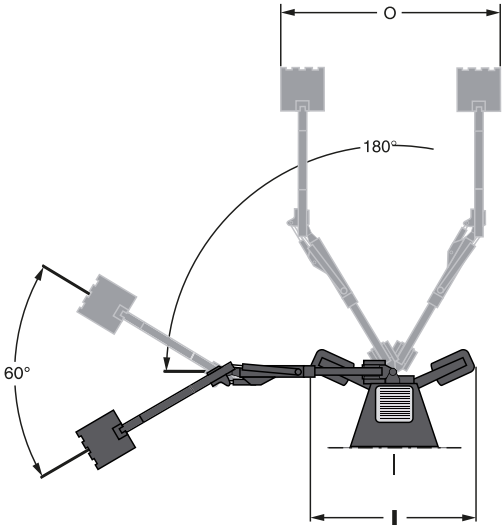
with standard buckets and 620/60x34 wheel fittings.
Theoretical measurements, variations may occur.

A	Transport length	28 ft 9 in
B	Wheelbase	8 ft 6 in
C	Backhoe overhang	3 ft 7 in
D	Height above cab	10 ft 2 in
E	Transport height, backhoe	14 ft 10 in
F	Transport length, backhoe	8 ft
G	Ground clearance	1 ft 8 in
H	Ground clearance angle, support legs	32°
I	Width support legs max. Width support legs parked position	12 ft 2 in 8 ft 1 in
J	Width front bucket	8 ft 6 in
K	Width across wheels	8 ft 6 in
r1	Slew radius outside of bucket	20 ft 8 in
r2	Slew radius, outside of wheels	11 ft 11 in



Excavator unit

L	Reach	22 ft 2 in
M	Depth	14 ft 9 in
N	Load height	14 ft 4 in
O	Digging width	14 ft 5 in



Load unit

P	Reach	8 ft 8 ic
Q	Lifting height, grading bucket	11 ft 6 in
R	Load height 45° tilted bucket	8 ft 10 in
S	Reach, 45° tilt angle	3 ft 5 in
T	Max. tilt angle	63°
U	Load angle	40°
U1	Load angle in carrying position	46°
V	Tipping angle, ground level	112°
X	Excavation depth	4 in

Lift

Y1	Height to top of working platform in transport position	12 ft 12 in – 13 ft 5 in
Y2	Height to top of arm in folded down position	11 ft 10 in – 12 ft 9 in
Y3	Height to top of arm in transport position	12 ft 7 in – 12 ft 2 in

Weight

Gross weight, standard version incl. buckets	29101 lbs
Gross weight, max	39683.3 lbs

HUDDIG 1370T

Specifications

Electric drive

System	Tigon Technology™
Battery	Huddig/Alelion 44 kWh 90V
Number of electric motors (EMG) Transmission	Four pcs, Schabmüller
Number of electric motors (EMG) Hydraulics	Two pcs, Parker (+ 1 generator)
Runtime	Up to 2 hours on battery power alone
Power output	81 kW (108 hp) Diesel and electricity combined in PWR mode, 139kW = 190hp

Engine

Diesel engine	Cummins turbocharged diesel engine QSB 4.5 EU Stage V/EPA Tier 4 Final
Power output	115 kW (154 hp) at 2000 rpm
Type	Straight 4-cylinder
Cylinder capacity	4.5 liters
Torque	651 Nm at 1500 rpm

Transmission

Type	90V hybrid system of the ”plug-in hybrid” type. Diesel engine with transfer case. Three electric motor generators (EMG) charge the machine’s electric battery. The battery powers four electric wheel motors equipped with two-speed hub reducers. The wheel motors are of the regenerative type.
EMG GenSet	Three pcs, 90V AC
EMG Wheel Motor	Four pcs, 90V AC
Hub reduction	Four pcs, Two-speed with wet disc brakes
Speeds 1st (low ratio)	0-6.2 mph
Speeds 2nd (high ratio)	0-31 mph
Motor vehicle	Class 1
Axles	Tigon Technology™

The system is separate from the operating hydraulics

Wheels

Standard	620/60x34 (Lug)

Main display, control system

Monitor	10" TFT colour touchscreen

Brake system

Transport brakes	2-circuit braking system with two accumulators. Wet disc brakes on all wheels, proportionally actuated with hydraulic servo.
Backup brake	One of the two circuits of the service brake or the parking brake.
Service brake	Automatic engagement of transport brake when stationary (automatic function can be disengaged).
Parking brake	Mechanical negative brake, integrated in each hub reduction. Hydraulic release of the parking brake occurs when one of the transmission’s two gears is engaged.

Steering system

Hydrostatic Orbitrol control system with dual cylinders in the centre pivot	
Steering angle	±32°
Frame oscillation	±8°

Electrical system

Voltage	24 V
Batteries	2 pcs 12 V, 110 Ah
Generator output	108 A (DC/DC converter)
Starter motor output	5.8 kW

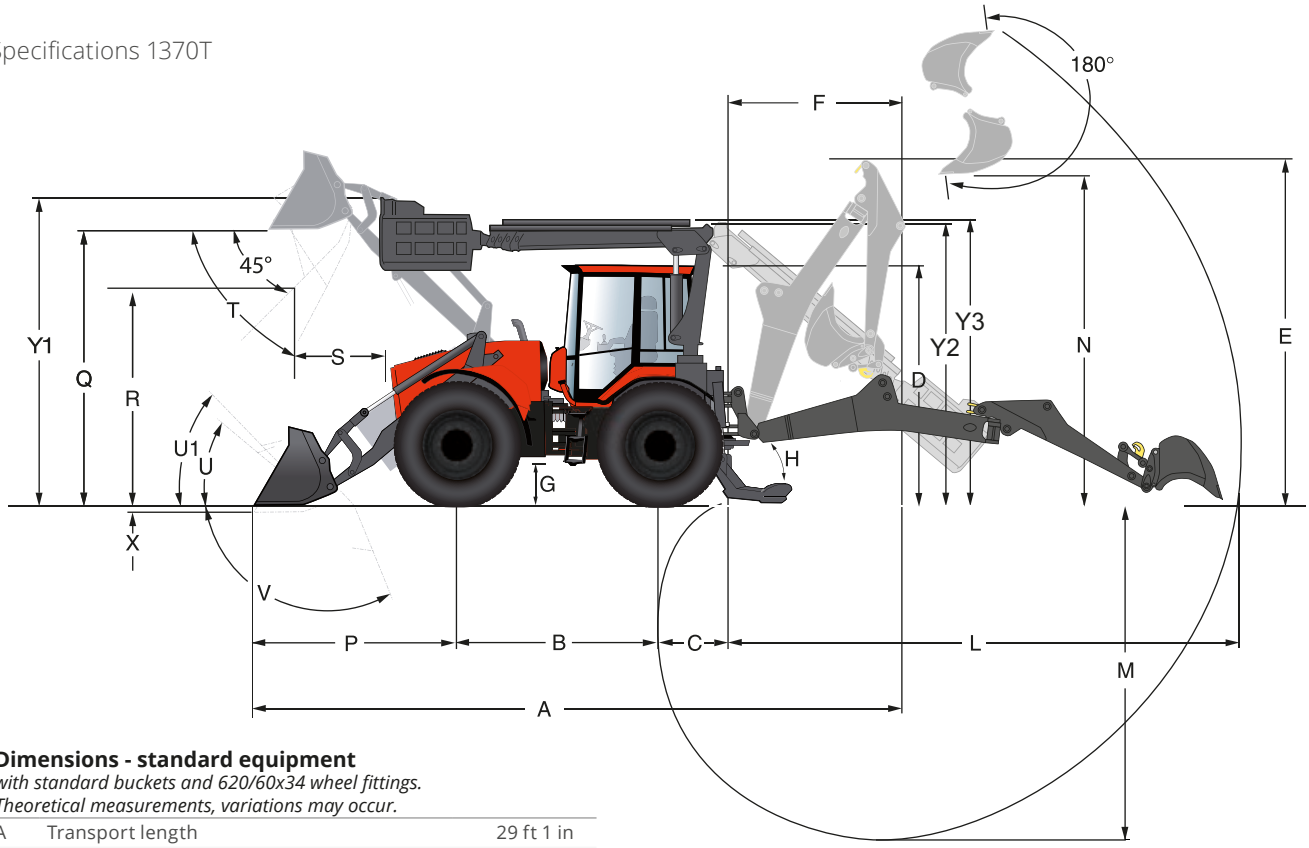
Hydraulic system

Load-sensing hydraulics with variable axial piston pumps, 50cc+72cc. For refilling there is internal low-pressure generation in the operational valves and a heating system (circulation pumping) for cold starts. Internal servo-supply in the operational valves and power feedback for digging functions. The hydraulic system is prepared for environmentally compatible hydraulic fluids.

Operating pressure	Standard: 23 MPa (233 bar) Boost: 26 MPa (260 bar)
Nom. max. flow at 1000 rpm	32.23 gallons/min
Nom. max. flow at 1500 rpm	48.34 gallons/min
Nom. max. flow at 2000 rpm	64.46 gallons/min
Single Acting outlet maximum flow	44.91 gallons/min

Dimensions & weight

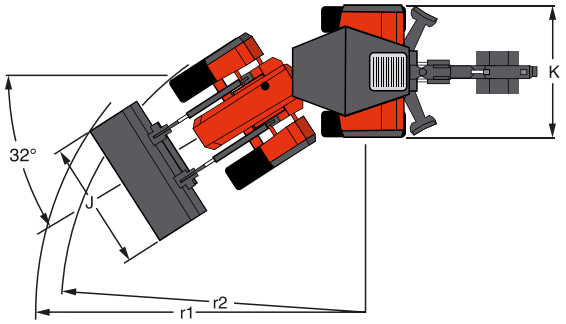
Width	8 ft 2 in – 8 ft 62 in
Height to cab roof	10 ft 2 in
Length	28 ft 4 in
Gross weight, standard version	32231.9 lbs
Gross weight, max	39683.3 lbs



Dimensions - standard equipment

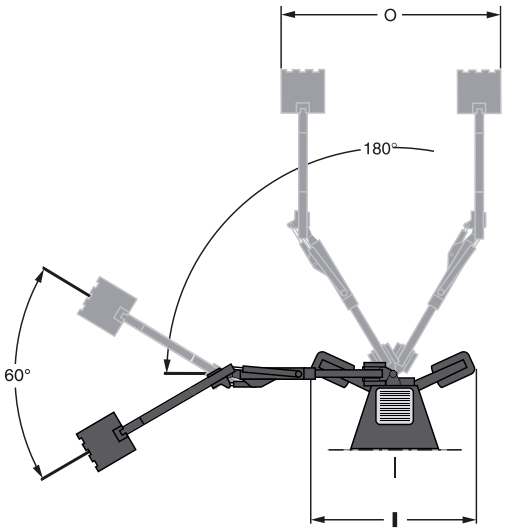
with standard buckets and 620/60x34 wheel fittings.
Theoretical measurements, variations may occur.

A	Transport length	29 ft 1 in
B	Wheelbase	8 ft 9 in
C	Backhoe overhang	3 ft 7 in
D	Height above cab	10 ft 2 in
E	Transport height, backhoe	14 ft 10 in
F	Transport length, backhoe	8 ft
G	Ground clearance	1 ft 8 in
H	Ground clearance angle, support legs	32°
I	Width support legs max. Width support legs parked position	12 ft 2 in 8 ft 1 in
J	Width front bucket	8 ft 6 in
K	Width across wheels	8 ft 6 in
r1	Slew radius outside of bucket	21 ft 3 in
r2	Slew radius, outside of wheels	19 ft 6 in



Excavator unit

L	Reach	22 ft 2 in
M	Depth	14 ft 9 in
N	Load height	14 ft 4 in
O	Digging width	14 ft 5 in



Load unit

P	Reach	8 ft 9 in
Q	Lifting height, grading bucket	11 ft 6 in
R	Load height 45° tilted bucket	8 ft 10 in
S	Reach, 45° tilt angle	3 ft 5 in
T	Max. tilt angle	63°
U	Load angle	40°
U1	Load angle in carrying position	46°
V	Tipping angle, ground level	112°
X	Excavation depth	4 in

Lift

Y1	Height to top of working platform in transport position	12 ft 12 in – 13 ft 5 in
Y2	Height to top of arm in folded down position	11 ft 10 in – 12 ft 9 in
Y3	Height to top of arm in transport position	12 ft 7 in – 13 ft 2 in

Weight

Gross weight, standard version incl. buckets	32231.9 lbs
Gross weight, max	39683.3 lbs

LIFT 1420B

Lift		
K	Height to top of working platform in transport position	13 ft 1 in
L	Height to top of arm in folded down position	11 ft 11 in
M	Height to top of arm in transport position	12 ft 7 in
N	Working height	46 ft 7 in
O	Lift angle	76°

LIFT 2000B

Lift		
K	Height to top of working platform in transport position	13 ft 4 in
L	Height to top of arm in folded down position	12 ft 8 in
M	Height to top of arm in transport position	13 ft 1 in
N	Working height	65 ft 11in
O	Lift angle	76°

LIFT 2200C

Lift		
K	Height to top of working platform in transport position	12 ft 12 in
L	Height to top of arm in folded down position	11 ft 10 in
M	Height to top of arm in transport position	12 ft 7 in
N	Working height	67 ft 3 in
O	Lift angle	76°

LIFT 1420B

Optimal for railroad work

LIFT 1420B gives you more work opportunities with your machine. It is particularly suitable for railroad work because you can work further away from the machine due to its low weight. Its low transport height also enables passage through most tunnels. The lift can be operated from the cab or the working platform and is designed for two persons or a total weight of up to 440 lbs (200 kg). Stepless leveling provides an excellent working platform at height.

Benefits

- Certified according to the EN 280 standard, which specifies the latest design and safety requirements for mobile elevating work platforms.
- Complies with ISO 13849, safety-related parts of a control system.
- Smooth operation via 4-axis joystick in the cab.
- Durable and well-proven controls on the working platform.
- Stepless leveling provides improved working platform comfort.

Dimensions	
Max. work height manual extension	46 ft 7 in
Max. horizontal reach	approx. 34 ft 9 in
Number of hydraulic extensions	3
Slewing angle	355.5°
Slewing torque	5.8 kNm
Attachment coupling	Quick coupling for working platform and pole grab

Weight	
Weight	1829.13lb
Max. load on working platform (irrespective of height)	2 persons + equipment or max. load 440 lbs

LIFT 2000B

Built for versatility

LIFT 2000B is very popular for both railroad and overhead line work thanks to its agility and high working height. It is designed for two persons or a total weight of up to 440 lbs (200 kg) and can be operated from the cab or working platform. Stepless platform leveling provides an excellent working platform at height. This is the most popular lift we manufacture thanks to its versatility. This lift is ideal for those who perform a lot of service work.

Benefits

- Certified according to the EN 280 standard, which specifies the latest design and safety requirements for mobile elevating work platforms.
- Complies with ISO 13849, safety-related parts of a control system.
- Smooth operation via 4-axis joystick in the cab.
- Durable and well-proven controls on the working platform.
- Stepless leveling provides improved working platform comfort.

Dimensions	
Max. work height manual extension	65 ft 11 in
Max. work height, hydraulic extension	59 ft 5 in
Max. horizontal reach 80 kg load in working platform	approx. 44 ft 3 in
Max. horizontal reach 200 kg load in working platform	approx. 36 ft 1 in
Number of hydraulic extensions	5
Number of manual extensions	1
Slewing angle	355.5°
Slewing torque	7.5 kNm
Attachment coupling	Quick coupling for working platform and pole grab

Weight	
Weight	2755.12 lb
Max. load on working platform (irrespective of height)	2 persons + equipment or max. load 440 lbs

LIFT 2200C

Prepared For LWI

The LIFT 2200C is developed based on customer needs and features several advanced capabilities. It is equipped with a proprietary boom system, a working height of 70 feet (21.5 meters), and increased lifting capacity. The LIFT 2200C is also available in an LWI (Live-Line Work Insulator) version for energized line work. Designed for challenging environments, it allows operators to safely access difficult terrain and perform maintenance and repair work on high-voltage power lines.

Benefits

- LWI version for energized work according to AMS, using the pole method
- Smart Radio Control – no wiring in the work platform, a key requirement for AMS operations
- Adjustable slide blocks on the extension provide a more stable boom system with reduced play
- Increased lifting capacity – 25% stronger than previous models
- Upgraded hydraulics for greater boom reach and smoother operation
- Stepless leveling of the work platform
- Improved platform attachment for reduced play and increased stability
- Enhanced slew bearing delivering up to 100% greater slewing force (encapsulated roller bearing)

Dimensions	
Max work height, manual extension or live work kit	70 ft 6 in
Max work height, hydraulic extension	63 ft 12 in
Max horizontal reach with 80 kg load in working platform	approx 47 ft 7 in
Max horizontal reach with 200 kg load in working platform	approx 39 ft 4 in
Number of hydraulic extensions	6
Number of manual extensions	1
Slew radius	360°
Slewing torque	15 kNm
Control system	Radio control
Attachment coupling	Quick coupler for working platform and pole grab

Weight	
Weight	4078.9 lb
Max load in working platform (regardless of work height)	2 persons + equipment or max. load 440 lbs

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